

ABSTRACT

A form for creating cavities within large concrete structures, wherein the formed is created by interconnecting a plurality of section members, the section members having flexible 5 mold skeleton members retaining polymer-aggregate panel members, and wherein the form may be internally pressurized to increase its rigidity and weight-bearing capability. The mold skeleton members have annular and longitudinal flanges that are used as planning guides to form the external surface of the polymer-aggregate panel members. Preferably, spacer members are inserted between the annular and longitudinal flanges and the spacer members are used as 10 planning guides. The adjacent section members are mechanically joined to each other, such that the form may be disassembled and re-used.